

KERN KGP 30K-3

Robust industrial platform scale with digital weighing transmitter, ideal for varied range of applications for Industry 4.0



| Display | |
|---------------------------------|-----------------|
| Display type | LCD |
| Display backlight | no |
| Display digit height | 52 mm |
| Languages of the user interface | Symbol language |

| Construction | |
|--------------------------------------|----------------------|
| Dimension display device (W×D×H) | 250×160×58 mm |
| Dimensions weighing surface (W×D) | 300×240 mm |
| Dimensions weighing surface | 300×240 mm |
| Dimensions weighing platform (W×D×H) | 300×240×109 mm |
| Material housing | plastic |
| Material weighing plate | stainless steel |
| Material platform | steel, powder-coated |
| Material display housing | Plastics |
| Material load cell(s) | aluminium |
| Level indicator | ✓ |
| Levelling feet adjustable | ✓ |
| Wall mount | ✓ |
| Transport safety lock - bolt torque | 0,1 Nm |
| Display device cable length | 3 m |
| Platform Construction | Single-Cell |

| Functions | |
|---|------------------------|
| PreTare function | ✓ |
| Counting resolution (laboratory conditions) | 30.000 |
| Smallest piece weight when piece counting - laboratory conditions | 1 g |
| Smallest piece weight when piece counting - normal conditions | 10 g |
| Reference quantity | 10, 20, 50, 100, 200 |
| IP protection - complete device | - |
| IP protection - display | no IP protection |
| IP protection - load cell | IP65 |
| Auto-off interval(s) in battery mode/rechargeable battery mode | off 5 min 15 min |
| Tare function | manual (multi) |

| Interface | |
|------------|--|
| Interfaces | RS-232 standard USB Ethernet (optional, factory) WiFi (optional, factory) |

| Category | |
|------------------|-------------------------|
| Brand | KERN |
| Product category | Component |
| Product group | Digital weighing system |
| Product family | KGP |

| Measuring System | |
|--------------------------------|--------------------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Strain gauge |
| Number of weighing ranges | 1 |
| Weighing capacity [Max] | 30 kg |
| Readability [d] | 0,001 kg |
| Reproducibility | 0,001 kg |
| Linearity | ± 0,004 kg |
| Resolution | 30.000 |
| Tare range | -30 kg |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 30 kg (F2) |
| Stabilization time | 2 s |
| Warm-up time | 120 min |
| Eccentric loading at 1/3 [Max] | 0,005 kg |
| Maximum creep (15 minutes) | 4 g |
| Maximum creep (30 minutes) | 8 g |
| Default unit | kg |
| Units | kg g t |
| Loadcell type | aluminium IP65 silicone-coated |
| Load cell connection | 4-wire |

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| | |
|----------------------------------|---|
| | Bluetooth (v4.0) (optional, factory) |
| EasyTouch (ET) - Compatibility | vollständig |
| EasyTouch (ET) - Connection type | über alle verfügbaren Schnittstellen möglich |

Power Supply

| | |
|---|-------------------------------|
| Supplied power supply | Power supply unit |
| Plug-in power supply type | USB including power supply |
| Plug-in power supply / adapter for countries - included with the delivery | EURO UK US |
| Plug-in power supply / adapter for countries - optional | EURO UK US CH |
| Input voltage power supply / power [Max] | 100 V - 240 V, 50 / 60 Hz |
| Input voltage device / power [Max] | 5 V, 500 mA |
| Battery | no battery |

Environmental conditions

| | |
|-------------------------------|--------|
| Ambient temperature [Min] | -10 °C |
| Ambient temperature [Max] | 40 °C |
| Humidity of environment [Min] | 0 % |
| Humidity of environment [Max] | 80 % |
| Storage temperature [Min] | -20 °C |
| Storage temperature [Max] | 60 °C |

Approval

| | |
|---------|---|
| CE mark | ✓ |
|---------|---|

Services (optional)

| | |
|--|---------|
| Article number for adjustment at the location of installation | 961-248 |
| Article number for DAkkS calibration | 963-128 |
| Article number for certificate of conformity (verification) | 969-517 |

Packing & Shipping

| | |
|------------------------------|----------------|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 465×795×230 mm |
| Net weight | 5,2 kg |
| Shipping method | Parcel service |
| Net weight approx. | 6 kg |
| Gross weight approx. | 7 kg |

| | |
|-----------------|-------|
| Shipping weight | 17 kg |
|-----------------|-------|

Pictograms

STANDARD



OPTION



FACTORY

